

IC04 Rec'd PCT/PTO 21 JUL 2005

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER
14174-109US1 RIB 016.2PCT

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)
Not Yet Assigned **10/543048**

INTERNATIONAL APPLICATION NO.
PCT/US2004/001461

INTERNATIONAL FILING DATE
21 January 2004 (21.01.2004)

PRIORITY DATE CLAIMED
21 January 2003 (21.01.2003)

TITLE OF INVENTION

Lipophilic Derivatives of Double-Stranded Ribonucleic Acid

APPLICANT(S) FOR DO/EO/US

Philipp Hadwiger, Matthias John, Christina Lorenz, Hans-Peter Vornlocher and Stefan Limmer

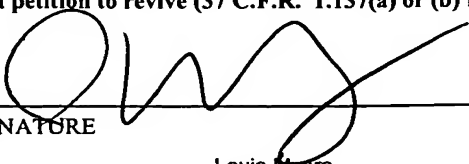
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 C.F.R. 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
International Search Report; Request for the Recording of a Change under Rule 92bis filed with the International Bureau requesting applicant/inventors Roland Kreutzer and Kathleen Madden Williams be removed.

CERTIFICATE OF MAILING BY EXPRESS MAIL
Express Mail Label No. **EL964754309US**
Date of Deposit: **July 21, 2005**

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.52) Not Yet Assigned 10/543048		INTERNATIONAL APPLICATION NO. PCT/US2004/001461		ATTORNEY'S DOCKET NUMBER 14174-109US1	
The following fees have been submitted				JC12 Rec'd PCT/PTC 21 JUL 2005 CALCULATIONS PTO USE ONLY	
21. <input checked="" type="checkbox"/> Basic national fee.....				\$300.00	
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100 All other situations \$200				\$200.00	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared and provided to the Office \$400 All other situations \$500				\$400.00	
Total of 21, 22 and 23 =				\$900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
-100 =	/50 =		X \$250	\$0.00	
Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(h)).				\$0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	24 - 20 =	4	x \$50	\$200.00	
Independent Claims	4 - 3 =	1	x \$200	\$200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$0.00	
TOTAL OF ABOVE CALCULATIONS =				\$1,300.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. 1.27. Fees above are reduced by 1/2.				\$0.00	
SUBTOTAL =				\$1,300.00	
Processing fee of \$130 for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(i))				\$0.00	
+ TOTAL NATIONAL FEE =				\$1,300.00	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property				\$0.00	
+ TOTAL FEES ENCLOSED =				\$1,300.00	
				Amount to be refunded:	\$0.00
				Amount to be charged:	\$0.00
a. <input checked="" type="checkbox"/> A check in the amount of \$1,300.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 06-1050 in the amount of \$0.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1050. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 C.F.R. 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
PTO Customer No: 26161		SIGNATURE  Louis Myers			
		NAME			
		35,965			
REGISTRATION NUMBER					

* * * COMMUNICATION RESULT REPORT (JUL. 5. 2005 12:00 PM) * * *

FAX HEADER 1: FISH&RICHARDSON6175428906
FAX HEADER 2: FISH&RICHARDSON6175428906

TRANSMITTED/STORED : JUL. 5. 2005 12:20PM
FILE MODE OPTION

ADDRESS

RESULT

PAGE

213 MEMORY TX

+41 22 338 87 40

OK

4/4

REASON FOR ERROR
E-1) HANG UP OR LINE FAIL
E-3) NO ANSWER

E-2) BUSY
E-4) NO FACSIMILE CONNECTION

Attorney's Docket No.: 14174-109WO1

OFFICIAL COMMUNICATION

FACSIMILE

FOR THE ATTENTION OF:

THE INTERNATIONAL BUREAU OF WIPO

PCT DIVISION

FAX NO: 011 41 22 338 8740

Applicant : Alnylam Europe AG
Serial No. : PCT/US2004/001461
Filing Date : January 21, 2004
Title : LIPOPHILIC DERIVATIVES OF DOUBLE-STRANDED RIBONUCLEIC ACIDA

Number of pages including this page 4

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20
Switzerland

Sir:

Attached to this facsimile communication cover sheet is Request for the Recording of a Change under Rule 92bis, faxed this day 5th day of July 2005, to the International Bureau of WIPO.

Respectfully submitted,

Date: 7/5/05


Susan C. DiNicola
Foreign Patent Paralegal

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110
Telephone: (617) 542-5070
Fax: (617) 542-8906
21120112.doc

NOTE: This facsimile is intended for the addressee only and may contain privileged or confidential information. If you have received this facsimile in error, please immediately call us collect at (617) 542-5070 to arrange for its return. Thank you.

BEST AVAILABLE COPY

Attorney's Docket No.: 14174-109WO1

OFFICIAL COMMUNICATION

FACSIMILE

FOR THE ATTENTION OF:

THE INTERNATIONAL BUREAU OF WIPO

PCT DIVISION

FAX NO: 011 41 22 338 8740

Applicant : Alnylam Europe AG
Serial No. : PCT/US2004/001461
Filing Date : January 21, 2004
Title : LIPOPHILIC DERIVATIVES OF DOUBLE-STRANDED RIBONUCLEIC
ACIDA

Number of pages including this page 4

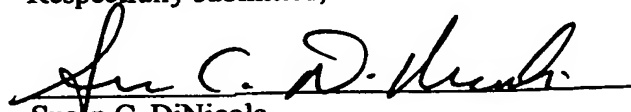
The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20
Switzerland

Sir:

Attached to this facsimile communication cover sheet is Request for the Recording of a
Change under Rule 92bis, faxed this day 5th day of July 2005, to the International Bureau of
WIPO.

Respectfully submitted,

Date: 7/5/05


Susan C. DiNicola
Foreign Patent Paralegal

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110
Telephone: (617) 542-5070
Fax: (617) 542-8906

21120112.doc

NOTE: This facsimile is intended for the addressee only and may contain privileged or confidential
information. If you have received this facsimile in error, please immediately call us collect at
(617) 542-5070 to arrange for its return. Thank you.

BEST AVAILABLE COPY

IN THE INTERNATIONAL BUREAU

Applicant : Alnylam Europe AG
Serial No. : PCT/US2004/001461
Filed : January 21, 2004
Title : LIPOPHILIC DERIVATIVES OF DOUBLE-STRANDED RIBONUCLEIC
ACID

International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20
SWITZERLAND

REQUEST FOR THE RECORDING OF A CHANGE UNDER RULE 92 bis

This is being sent to clarify our earlier Request for the Recording of a Change under Rule 92bis on July 1, 2005, that we wish applicants WILLIAMS, Kathleen M. and KREUTZER, Roland be withdrawn as both applicants and inventors.

Respectfully submitted,

Date: July 5, 2005

Allyson R. Hatton
Allyson R. Hatton, Ph.D.
Reg. No. 54,154

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

21120083.doc

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the International Bureau of WIPO on the date indicated below.

Date of Transmission July 5, 2005
Susan C. DiNicola
Signature

Susan C. DiNicola
Typed or Printed Name of Person Signing Certificate

BEST AVAILABLE COPY